



#190/PR
05-07-03

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of Betenbaugh et al.

Serial No. 09/930,440

Examiner Rao

Filed August 16, 2001

Art Unit 1652

For: **"ENGINEERING INTRACELLULAR SIALYLATION PATHWAYS"**

Assistant Commissioner of Patents

Washington, D.C. 20231

PETITION FOR A THREE-MONTH EXTENSION OF TIME
AND
AMENDMENT UNDER 37 C.F.R. 1.111

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MAY 01 2003

TECH CENTER 1600/2900

Dear Sir:

In response to the Office Action mailed October 29, 2002, the Applicant hereby petitions for a three-month extension of time to respond. A check in the amount of \$465 is attached. If any additional fees are required to grant this petition and enter this amendment, the Commissioner is authorized to charge attorney's deposit account 50-2041 (Whitham, Curtis & Christofferson).

In response to the Office Action mailed October 29, 2002, the Applicant requests entry of the following amendments:

In the Claims:

Please cancel claims 2-47.

Please amend claim 1 and claims 48-55, an edited copy of which follows and a clean copy of which is attached as Appendix A.

Claim 1 (amended). [A] An isolated or purified cell [of interest] which is recombinant or genetically modified to contain and co-express a CMP-sialic acid synthase gene and a sialic acid phosphate synthase gene, said cell producing the donor substrate CMP-SA above [endogenous] a level produced before said cell was made recombinant or genetically modified.